FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 04990.0043.US03	APPLICATION NO. 09/258,216
	APPLICANT Soderlund, *et al.*	
	FILING DATE February 26, 1999	GROUP ~~1634~~ 1655

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
LBA	AA1	4,656,127	4/7/87	Mundy	435	6	
LBA	AB1	4,683,202	7/28/87	Mullis	435	6	
LBA	AC1	4,800,159	1/24/89	Mullis, *et al.*	435	91.2	
LBA	AD1	4,840,892	6/20/89	Adams	435	6	
LBA	AE1	4,851,331	7/25/89	Vary, *et al.*	435	6	
LBA	AF1	4,863,849	9/5/89	Melamede	435	6	
LBA	AG1	5,310,893	5/10/94	Erlich	435	6	

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
LBA	AH1	237,362	9/16/87	Europe			
	AI1	332,435	3/9/89	Europe			
	AJ1	333,465	3/15/89	Europe			
	AK1	329,822	8/30/89	Europe			
	AL1	357,011	8/30/89	Europe			
	AM1	332,435	9/13/89	Europe			
	AN1	336,731	10/11/89	Europe			
	AO1	370,694	11/16/89	Europe			
	AP1	371437A3	11/28/89	Europe			
	AQ1	412,883	3/13/91	Europe			
	AR1	WO89/09835	10/19/89	PCT			
	AS1	WO90/09455	8/23/90	PCT			
	AT1	WO90/11372	10/4/90	PCT			
	AU1	WO89/10414	11/2/90	PCT			
	AV1	0297379	1/4/89	PCT			
	AW1	0899282	3/22/90	PCT			
	AX1	123,513	4/18/84	Europe			
LBA	AY1	329,311	8/23/89	Europe			
	AZ1						

EXAMINER Lisa B. Arthur DATE CONSIDERED 9/25/00

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
LBA	AA	2	Antonarakis, "Diagnosis of Genetic Disorders at the DNA Level," *N. Engl. J. Med.*, **320:** 153-63 (1989).
LBA	AB	2	Bos, *et al.*, "Prevalence of *ras* Gene Mutations in Human Colorecta Cancers," *Nature* **327:** 293-297 (1987).
LBA	AC	2	Farr, *et al.*, "Analysis of RAS Gene Mutations in Acute Myeloid Leukemia by Polymerase Chain Reaction and Oligonucleotide Probes," *Proc. Natl. Acad. Sci. U.S.A.*, **85:** 1629-33 (1988).
LBA	AD	2	Rall, S.C. Jr., *et al.*, "Type III hyperlipoproteinemia associated with apolipoprotein E phenotype E3/3. Structure and genetics of an apolipoprotein E3 variant," *J. Clinical Investigation*, **83:** 1095-1101 (1989).
LBA	AE	2	Kerem, *et al.*, "Identification of the Cystic Fibrosis Gene: Enetic Analysis," *Science* **245:**1073-1080 (1989).
LBA	AF	2	Kleppe, *et al.*, "Studies on Polynucleotides," *J. Mol. Biol.*, **56:** 341-61.
LBA	AG	2	Mahley, "Apolipoprotein E: Cholesterol Transport Protein with Expanding Role in Cell Biology," *Science*, **240:** 622-630 (1988).
LBA	AH	2	McLean, *et al.*, "Human Apolipoprotein E mRNA..." *J. Biol. Chem.* **259:** 6498-6504 (1984).
LBA	AI	2	McMahon, *et al.*, "Characterization of c-Ki-RAS Oncongene..." *Proc. Natl. Acad. Sci. USA*, **84:** 4974-4978 (1987).
LBA	AJ	2	Morel, *et al.*, "Aspartic Acid at Position 57 of the HLA-DQ B Chain Protects Against Type I Diabetes: A Family Study," *Proc. Natl. Acad. Sci. USA*, **85:** 8111-8115, (1988).
LBA	AK	2	Mullis and Faloona, "Specific Synthesis of DNA in vitro vs. Polymerase Catalyzed" *Chem. Reaction Meth. In Enzymol.* **155:** 335 (1987).
LBA	AL	2	Mullis, "The Unusual Origin of the Polymerase Chain Reaction," *Sci. Am.*, **April 1990:** 56-65.
LBA	AM	2	Scharf, *et al.*, "HLA Class II Allelic Variation and Susceptibility to Pemphigus Vulgaris," *Proc. Natl. Acad. Sci. USA*, **85:** 3504-3508 (1988).
LBA	AN	2	Syvanen, *et al.*, "A primer-guided nucleotide incorporation assay in the genotyping of apolipoprotein E," *Genomics* **8:** 684-692 (1990).
LBA	AO	2	Thomson, "HLA Disease Associations: Models for Insulin Dependent Diabetes Mellitus on the Study of Complex Human Genetic Disorders," *Annu. Rev. Genet.* **22:** 31-50 (1988).
	AP	2	
	AQ	2	
	AR	2	
	AS	2	
	AT	2	
	AU	2	

EXAMINER Lisa B. Arthur	DATE CONSIDERED 9/25/00

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Form PTO-1449 (Rev. 10-92) [modified]	Docket No.: 13025-5	Application No.: 09/258,216
INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(use several sheets if necessary)*	Applicants: Soderlund et al.	
	Filing Date: 02/26/99	Group Art Unit: ~~1634~~ 1655

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
LBA	4,307,189	12/22/81	Kit	435	6	
LBA	4,563,419	01/07/86	Ranki et al.	435	6	
LBA	4,683,195	07/28/87	Mullis et al.	435	6	
LBA	4,883,750	11/28/89	Whiteley et al.	435	6	
LBA	4,962,020	10/09/90	Tabor et al.	435	6	
LBA	4,968,602	11/06/90	Dattagupta	435	6	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
LBA	220328	09/21/88	Great Britain	—	—		\
LBA	8603782	07/03/86	WIPO	—	—		
LBA	8909282	10/05/89	WIPO	—	—		
LBA	8910414	11/02/89	WIPO	—	—		
LBA	9001069	02/08/90	WIPO	—	—		
LBA	9006042	06/14/90	WIPO	—	—		
LBA	9011372	10/04/90	WIPO	—	—		
LBA	0238337	09/23/87	Euro. Patent Office	—	—		
LBA	0246864	11/25/87	Euro. Patent Office	—	—		
LBA	0278787	11/02/88	Euro. Patent Office	—	—		

EXAMINER: Lisa B. Arthur	DATE CONSIDERED: 9/25/00

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LBA	0	2	9	7	3	7	9	01/04/89	Euro. Patent Office				
LBA	0	3	1	7	0	7	4	05/24/89	Euro. Patent Office				
LBA	0	3	3	2	4	3	5	9/13/89	Euro. Patent Office				
LBA	0	3	3	3	4	6	5	09/20/89	Euro. Patent Office				
LBA	0	3	5	7	0	1	1	03/07/90	Euro. Patent Office				
LBA	0	3	7	0	6	9	4	05/30/90	Euro. Patent Office				
LBA	0	3	7	1	4	3	7	06/06/90	Euro. Patent Office				
LBA	0	4	1	2	8	8	3	02/13/91	Euro. Patent Office				

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(including Author, Title, Date, Pertinent Pages, Etc.)

LBA	Syvanen et al., "Direct Sequence of Affinity-Captured Amplified Human DNA Application to the Detection of Apolipoprotein E Polymorphism", FEBS Letters, 258:71-74 (1989).
LBA	Syvanen et al., "Quantification of Polymerase Chain Reaction Products by Affinity-Based Hybrid Collection," Nucleic Acids Research, 16:11327-11339 (1988).
LBA	Ballabio et al., "PCR Test for Cystic Fibrosis Deletion", Nature, 343:220 (1990).
LBA	Grimberg et al., "A Simple and Efficient Non-Organic Procedure for the Isolation of Genomic DNA From Blood", Nucleic Acids Research, 17:8390 (1989).
LBA	Signer et al., "DNA Fingerprinting: Improved DNA Extraction From Small Blood Samples", Nucleic Acids Research, 16:7738 (1988).
LBA	Signer et al., "Modified Gel Electorphoresis for Higher Resolution of DNA Fingerprints", Nucleic Acids Research, 16:7739 (1988).
LBA	Mitchell et al., "Affinity Generation of Single Stranded DNA Following the Polymerase Chain Reaction: Application to Dideoxy Sequencing", WH 214 Journal of Cellular Biochemistry Supp. 13E 18th Annual Meeting (1989).

EXAMINER: Lisa B. Cohen	DATE CONSIDERED: 9/25/00

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LBA	Smith, "DNA Sequence Analysis by Primed Synthesis", Methods in Enzymology, 65:560-581 (1980).
LBA	Kuppuswamy et al., "A New Use of Polymerase Chain Reaction (PCR) in Carrier Detection of Hemophilia-B Due to Point Mutations", Blood, The Journal of the American Society of Hematology, Thirty-First Annual Meeting of the American Society of Hematology, 74:957 (1989).
LBA	Rommens et al., "Identification of the Cystic Fibrosis Gene: Chromosome Walking and Jumping", Science, 245:1059-1065 (1989).
LBA	Riordan et al., "Identification of the Cystic Fibrosis Gene: Cloning and Characterization of Complementary DNA", Science, 245:1066-1072 (1989).
LBA	Wu et al., "Allele-specific Enzymatic Amplification of β-Globin Genomic DNA for Diagnosis of Sickle Cell Anemia", Proc. Natl. Acad. Sci. USA, 86:2757-2760 (1989).
LBA	Newton et al., "Analysis of Any Point Mutation in DNA. The Amplification Refractory Mutation System (ARMS)", Nucleic Acids Research, 17:2503-2516 (1989).
LBA	Ehlen et al., "Detection of Ras Point Mutations by Polymerase Chain Reaction Using Mutation-Specific Inosine-Containing Oligonucleotide Primers", Biochemical and Biophysical Research Communications, 160: 441-447 (1989).
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LBA	Caskey et al., "Disease Diagnosis by Recombinant DNA Methods", Science, 236:1223-1228 (1987).
LBA	Landegren et al., "DNA Diagnostics - Molecular Techniques and Automation", Science, 242:229-237 (1988).
LBA	Rossiter et al., "Molecular Scanning Methods of Mutation Detection", The Journal of Biological Chemistry, 265:12753-12756 (1990).
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EXAMINER: Lora B. Arlen	DATE CONSIDERED: 9/25/00

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LBA	Kuppuswamy et al., "Single Nucleotide Primer Extension to Detect Genetic Diseases: Experimental Application to Hemophilia B (factor IX) and Cystic Fibrosis Genes", Proc. Natl. Acad. Sci. USA, 88:1143-1147 (1991).
LBA	Prober et al., "A System for Rapid DNA Sequencing With Fluorescent Chain-Terminating Dideoxynucleotides", Science, 238:336-341 (1987).
LBA	Landegren et al., "A Ligase-Mediated Gene Detection Technique", Science, 241:1077-1080 (1988).
LBA	Syvanen et al., "~~Direct Sequencing of Affinity-Captured Amplified Human DNA Application~~ to the Detection of Apolipoprotein E Polymorphism", FEBS Letters, 258:71-74 (1989). DUPLICATE
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	~~Wu et al., "Allele-Specific Enzymatic Amplification of β-Globin Genomic DNA for~~ Diagnosis of Sickle Cell Anemia", Proc. Natl. Acad. Sci. USA, 86:2757-2760 (1989). DUPLICATE
LBA	Mullis et al., "Specific Synthesis of DNA in Vitro Via a Polymerase-Catalyzed Chain Reaction", Methods in Enzymology, 155:335-351 (1987).
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EXAMINER Lora B Allen	DATE CONSIDERED: 9/25/00

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